

1 POWER HAND TOOL RIGHT ANGLE ATTACHMENT HAVING
2 A LIGHT SOURCE WITH A SELF-GENERATING POWER SUPPLY

3 Abstract of the Disclosure

4 A preferred embodiment of the preferred invention comprises a right angle
5 attachment for a power hand tool of the type which has a generally cylindrical elongated
6 housing with a motor contained within the housing or case and the motor having an
7 output shaft that extends from the nose end of the hand tool. The attachment has a
8 housing with a mounting end that fits on the nose end portion of the tool housing, with
9 the housing having an input shaft and an output shaft that are operably coupled together
10 by bevel gears attached to each shaft. A magnet is mounted on the output shaft near an
11 electric circuit located within the housing for producing current that drives the LED's.
12 Since the magnet and the circuit are inside the housing, a lens is provided in the housing
13 adjacent the light producing device for emitting light to the exterior of the housing and
14 toward the tool attached to the distal end